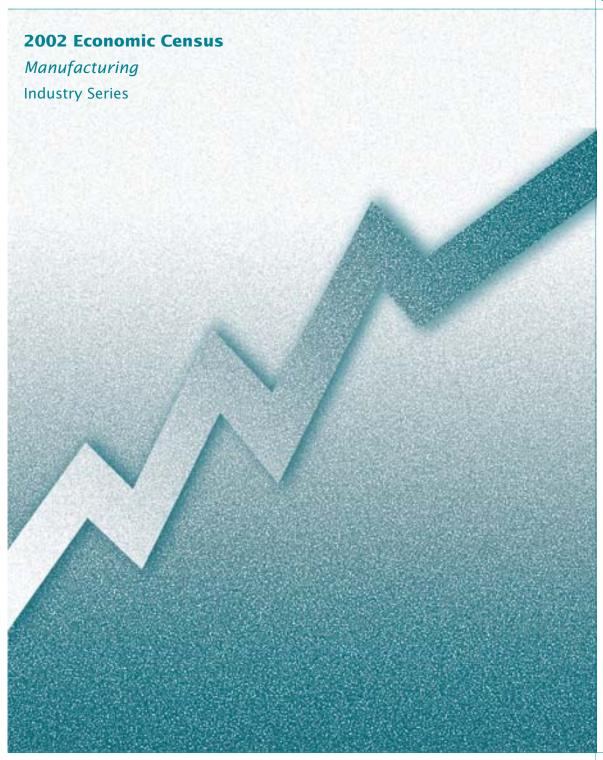
Laminated Plastics Plate, Sheet (Except Packaging), and Shape Manufacturing: 2002

Issued August 2004

EC02-311-326130





Helping You Make Informed Decisions

U.S. Department of Commerce Economics and Statistics Administration U.S. CENSUS BUREAU



Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹		All			Production workers				Total	Total	Total capital
	Com- panies ²	estab- lish- ments ³	Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)		expendi- tures (\$1,000)
326130, Laminated plastics plate, sheet, (except packaging), and shape manufacturing	278 N N N N 438	291 N N N N 457	11 742 14 866 15 378 14 832 15 689 16 517	437 167 517 969 542 364 534 730 542 124 545 933	9 076 11 327 11 533 11 124 12 217 12 898	17 554 23 755 24 648 24 784 27 058 27 290	310 045 358 439 370 608 352 089 361 290 366 539	1 151 193 1 363 738 1 511 364 1 503 314 1 468 022 1 624 612	1 070 442 1 184 257 1 273 331 1 277 466 1 363 795 1 569 088	2 224 785 2 551 538 2 795 499 2 775 745 2 847 331 3 195 293	91 302 74 341 92 663 102 441 124 912 139 476

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

		All establi	ishments ²	All em	ployees	Pr	oduction wor	kers				
Industry and geographic area	E¹	Total	With 20 em- ploy- ees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
326130, Laminated plastics plate, sheet, (except packaging), and shape manufacturing												
United States. California Florida Illinois Indiana Iowa Missouri New Hampshire New Jersey New York North Carolina	1 5 5 - 9 1 - 8	291 31 19 14 10 5 6 4 15 15	90 8 3 4 4 1 2 4 8 2 8	11 742 938 324 690 324 113 195 420 557 189 1 234	437 167 35 069 14 086 29 124 17 041 4 304 5 634 14 385 25 980 5 794 46 384	9 076 671 191 518 155 87 163 303 390 140 1 065	17 554 1 310 434 608 350 172 344 541 823 295 2 335	310 045 23 168 6 049 16 320 7 852 2 914 4 897 9 799 15 222 3 572 38 087	1 151 193 75 369 28 130 49 612 40 377 11 037 15 045 23 150 89 619 14 154 202 290	1 070 442 92 050 35 206 55 992 39 491 13 112 14 079 26 718 95 511 14 216 113 971	2 224 785 170 078 63 505 106 331 78 582 24 250 29 219 50 272 187 216 28 408 310 442	91 302 10 040 3 048 6 283 6 112 1 666 1 930 1 264 5 166 1 523 8 271
Ohio Pennsylvania South Carolina Texas Wisconsin	1 - - 1	27 9 6 14 7	8 4 4 7 1	1 240 531 494 2 227 139	43 412 19 047 13 506 81 176 5 219	845 352 337 2 110 116	1 700 702 614 3 771 265	31 610 10 680 9 461 73 161 4 160	139 454 46 652 27 096 218 604 8 586	74 680 50 471 29 669 150 647 5 772	221 384 97 419 54 300 364 909 14 387	6 495 4 815 5 927 10 989 175

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
326130, Laminated plastics plate, sheet, (except packaging), and shape manufacturing	
Companies ¹ number .	278
All establishments ² number. Establishments with 1 to 19 employees number. Establishments with 20 to 99 employees number. Establishments with 100 employees or more number.	291 201 67 23
All employees³ number Total compensation \$1,000 Annual payroll \$1,000 Total fringe benefits \$1,000	11 742 537 608 437 167 100 441
Production workers, average for year	9 076 9 318 9 332 8 921 8 710
Production worker hours	17 554 310 045
Total cost of materials \$1,000. Materials, parts, containers, packaging, etc., used \$1,000. Resales \$1,000. Purchased fuels \$1,000. Purchased electricity \$1,000. Contract work \$1,000.	1 070 442 963 368 45 265 24 846 29 701 7 262
Quantity of electricity purchased for heat and power. 1,000 kWh. Quantity of electricity generated less sold for heat and power 1,000 kWh.	494 564 S
Total value of shipments \$1,000 Primary products value of shipments \$1,000 Secondary products value of shipments \$1,000 Total miscellaneous receipts \$1,000 Value of resales \$1,000 Contract receipts \$1,000 Other miscellaneous receipts \$1,000	2 224 785 1 936 247 172 461 116 077 60 176 2 591 53 310
Primary products specialization ratio percent. Value of primary products shipments made in all industries \$1,000. Value of primary products shipments made in this industry \$1,000. Value of primary products shipments made in other industries \$1,000.	92 2 247 505 1 936 247 311 258
Coverage ratiopercent.	86
Value added\$1,000	1 151 193
Total inventories, beginning of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	289 196 109 346 48 947 130 903
Total inventories, end of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	281 271 105 647 49 496 126 128
Gross value of depreciable assets (acquisition costs) at beginning of year \$1,000. Total capital expenditures (new and used) \$1,000. Buildings and other structures (new and used) \$1,000. Machinery and equipment (new and used) \$1,000. Automobiles, trucks, etc., for highway use \$1,000. Computers and peripheral data processing equipment \$1,000. All other expenditures for machinery and equipment \$1,000. Total retirements \$1,000. Gross value of depreciable assets at end of year \$1,000.	1 131 662 91 302 12 333 78 969 4 761 8 973 65 235 45 582 1 177 382
Depreciation charges during year	75 685
Total rental payments \$1,000. Buildings and other structures \$1,000. Machinery and equipment \$1,000.	26 248 13 979 12 269
Total other expenses ⁴ \$1,000. Response coverage ratio ⁵ percent. Repair and maintenance services of buildings and/or machinery ⁴ \$1,000. Communications services ⁴ \$1,000. Legal services ⁴ \$1,000. Accounting, auditing, and bookkeeping services ⁴ \$1,000. Advertising and promotional services ⁴ \$1,000. Expensed computer hardware and supplies and purchased computer services ⁴ \$1,000. Refuse removal (including hazardous waste) services ⁴ \$1,000. Management consulting and administrative services ⁴ \$1,000. Taxes and license fees ⁴ \$1,000. All other expenses ⁴ \$1,000.	116 075 72 18 072 3 083 626 1 182 1 181 841 3 446 2 484 5 302 79 859

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
2Includes establishments with payroll at any time during the year.
3Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.
4Based on Annual Survey of Manufactures (ASM) sample data.
5A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

			All employees		Pr	oduction worke	ers		Total	Tatal	Total
Employment size class	E¹	All estab- lish- ments ²	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	Total value of shipments (\$1,000)	capital expendi- tures (\$1,000)
326130, Laminated plastics plate, sheet, (except packaging), and shape manufacturing											
All establishments	1	291	11 742	437 167	9 076	17 554	310 045	1 151 193	1 070 442	2 224 785	91 302
1 to 4 employees. 5 to 9 employees. 10 to 19 employees 20 to 49 employees 100 to 99 employees 100 to 249 employees 500 to 99 employees 500 to 999 employees 1,000 to 2,499 employees 2,500 employees 0,000 to more more	5 4 3 1 - 2	132 40 29 43 24 12 6 4 1	286 e 391 1 333 1 721 1 773 2 015 2 847 g	9 700 D 13 004 50 367 59 302 75 263 75 604 117 700 D	221 D 290 965 1 268 1 213 1 458 2 439 D	422 D 592 1 990 2 408 2 697 2 415 5 371 D	6 878 D 9 005 30 799 36 699 44 611 49 625 105 343 D	24 595 D 32 875 146 188 147 048 190 587 141 845 338 505 D	29 645 D 37 883 183 258 148 013 207 376 162 873 197 769 D	54 239 D 71 090 325 688 292 662 398 574 304 063 553 915 D	3 641 D 4 027 19 362 16 786 16 241 14 149 14 724 D -
Administrative records ⁴	9	139	369	12 618	284	547	8 989	32 331	38 814	71 144	4 821

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–11 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

size classes shown.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All	All employees		Production workers				Total	Total	Total capital
		estab- lish- ments ¹	Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	291	11 742	437 167	9 076	17 554	310 045	1 151 193	1 070 442	2 224 785	91 302
3261300	Thermosetting plastics laminates (excluding flexible packaging)	291	11 742	437 167	9 076	17 554	310 045	1 151 193	1 070 442	2 224 785	91 302

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

		Number of		Product shipments		
Product code	Product	companies with shipments of \$100,000 or more	Quantity of production for all purposes	Quantity	Value (\$1,000)	
326130	Laminated plastics plate, sheet (except packaging), and shape manufacturing	N N	×	×	2 247 505 3 049 414	
3261300	Thermosetting plastics laminates (excluding flexible packaging)	N N	X	×	2 247 505 3 049 414	
32613001	Thermosetting plastics laminates (excluding flexible packaging)	N N	X	X	323 475 741 952	
3261300111	Thermosetting plastics laminates (excluding flexible packaging)	34 31	X	X	323 475 741 952	
32613002	Thermoplastic plastics laminates (excluding flexible packaging)	N N	X	X	843 276 315 057	
3261300221	Thermoplastic plastics laminates (excluding flexible packaging)	39	X	X	843 276	
32613003	1997 Other plastics laminates (excluding flexible packaging)	38 N N	X X X	X X X	315 057 936 411 1 664 912	
3261300391	Other plastics laminates (excluding flexible packaging)	76 71	X	X	936 411 1 664 912	
3261300Y	Thermosetting plastics laminates (excluding flexible packaging), nsk, total 2002.	N N	X	X	144 343 327 493	
3261300YWW	Thermosetting plastics laminates (excluding flexible packaging), nsk, for nonadministrative-record					
0001000\/\\\\	establishments	N N	X	X	77 307 126 091	
3261300YWY	Thermosetting plastics laminates (excluding flexible packaging), nsk, for administrative-record establishments	N N	X	X	67 036 201 402	

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997 [Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing		
00900001	Total materials	×	963 368 1 453 608
325000A3	1997 Industrial inorganic chemicals	X	72 880
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc	X X X	10 514 91 276 288 300
325100A1	Industrial organic and synthetic organic chemicals, including plasticizers (excluding synthetic dyes, pigments, and toners)	X	21 288 18 108
32500043	All other chemicals and allied products (excluding industrial inorganic chemicals, inorganic pigments, plastics resins, industrial and synthetic organic chemicals, etc.)	x	68 123
32610013	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes	X X X	23 492 217 781 193 099
32599100	Custom compounded plastics resins (purchased)	X	5 667
32721209	1997 Textile-type glass fiber	X X	15 946 36 623 107 360
32210015	Paper and paperboard products (excluding paperboard boxes, containers, and corrugated paperboard)	×	201 746 334 522
32221001	Paperboard containers, boxes, and corrugated paperboard	X	37 386 D
33322000	Parts and attachments specially designed for plastics working machinery	X X X	1 433
00970099	All other materials and components, parts, containers, and supplies	X X	88 377 248 398
00971000	Materials, ingredients, containers, and supplies, nsk	X X	120 788 172 669

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.